UNOFFICIAL COMMUNICATION FOR EXAMINER REVIEW ONLY

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A computer implemented method ~~that maximizes~~ for maximizing probability values to facilitate training a machine learning system comprising:

receiving a data set;

determining an Exponential distribution as a prior, comprising:

graphing a distribution of parameter values that have at least 30 training instances; and

determining the Exponential prior by examining the distribution of parameters[[.]];

defining one or more parameters; and

training a model based at least in part upon a subset of the data set, the Exponential prior and the one or more parameters.

2. (Currently amended) The method of claim 1, the act of determining an Exponential prior ~~comprises~~ further comprising at least one of the following acts:

providing a relatively large data set; and

training a model using the large data set and [[the]] a Gaussian prior.[[;]]

~~graphing a distribution of parameter values that have at least 30 training instances; and~~

~~determining the Exponential prior by examining the distribution of parameters.~~

3. (Original) The method of claim 1, the Exponential prior being determined based at least in part upon a particular feature of interest.

4. (Currently amended) The method of claim [[2]]3, the feature is an IP address.